

## ROUTING AND RECORD SHEET

SUBJECT: (Optional)

Request for Halon Fire Suppression System in New Headquarters Building

FROM:

EXTENSION

NO.

OSO-1140-83

Chief, Logistics, OSO

DATE

4 AUG 83

TO: (Officer designation, room number, and building)

DATE

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1. Chief, New Building Project Office, OL

2. Attention: 4E05 HQS.

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Larry ... 2  
 Paul Paul  
 Pam Pam  
 Gary Gary  
 Bob Bob  
 Art Art  
 Imogene Imogene  
 Hil Hil  
 cc: S

Action: Paul

Forward/Toss

File: M.B. Safety  
Committed

OSO-1140-83

4 AUG 83

MEMORANDUM FOR: Chief, New Building Project Office, OL

ATTENTION:

FROM:

Chief, Logistics, OSO

SUBJECT: Requirement for Halon Fire Suppression  
System in New Headquarters Building

1. The Office of SIGINT Operations (OSO) Signal Analysis Division (SAD/GSG/OSO) requires a mixture of two types of Fire Suppression Systems. A dry-pipe water system (as planned for the rest of the new building) can be used by SAD in some of its areas. However, a Halon system is required in other areas where special purpose one-of-a-kind equipment is installed. This equipment has been developed especially for SAD and its unique mission. Replacement of this equipment would take several years should it be damaged by water. The consequence of this would be an incalculable loss of intelligence analyses capability. Additionally, the Halon areas should have floor-to-ceiling walls that can be moved to include or exclude areas as the inventory of special purpose equipment changes.

2. An added requirement by SAD is a maximum distance of 100 feet from the SAD special laboratory space wall to the ODP computer center area where disks storage will be located. This requirement will save the Agency considerable resources, because a special data link will not have to be developed to transport data to ODP from SAD.

3. The above requirements are in addition to the requirement for Halon fire suppression systems recently submitted to your office by EB/TSD/OG and PSD/TCG. For your convenience copies of these memoranda are attached.

4. If additional information is required please contact the undersigned on extension

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OSO-0968-83  
29 June 83

MEMORANDUM FOR: New Building Planning Office, OL

25X1 ATTENTION:

FROM:

Chief, Processing Support Division, TCG/OSO

25X1 SUBJECT: Fire Suppression System for PSD New Building  
Computer Area

1. The following PSD position on fire suppression systems for PSD computer laboratory areas in the New Building is submitted per your request:

a. For the computer and equipment area only, the system of choice, (given sufficient resources) is a Halon 1301 system with full reserve, backed up with a so-called dry pipe sprinkler system. We assume that such a system would permit a controlled delay between the release of the Halon agent and sprinkler activation for a non-explosive fire.

b. Our second choice would be Halon only with a full reserve.

25X1 c. The least desirable approach would be a conventional, fully-charged sprinkler system which would present long-term risks of leakage and, of course, would be very destructive to electronic and computer equipment if activated.

25X1 2. The laboratory should be designed to protect mainframe computer systems operating in an unattended mode within a compartmented vault-type area. Should any charged water line, sprinklers or otherwise, be installed in the computer lab area, then we would need a suitable flood detection system with remote alarm capability.

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SUBJECT: Fire Suppression System for PSD New Building  
Computer Area

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3. For additional details, please contact

of this Division on extension

cc C/OSO/LOGS

Distribution:

Orig - Addressee

1 - OSO/LOGS

1 - OSO/Registry

5 - OSO/PSD

25X1 Orig:  (28 June 83)

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Page 2

## ROUTING AND RECORD SHEET

SUBJECT: (Optional)

FIRE SUPPRESSION SYSTEM

FROM:

EXTENSION

NO.

DATE

7/5/83

TO: (Officer designation, room number, and building)

DATE

RECEIVED

FORWARDED

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1.

C/NUGGET

7/5/83



2.


DC/TSD



3.

C/LOGS/SS/OSO

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25X1

5 July 1983

MEMORANDUM FOR: Chief Logistics/OSO

25X1

FROM: Chief

SUBJECT: Fire Suppression System

1. At present the new building planning staff is preparing to construct a water sprinkling system within the area designated as TSD Laboratory as the primary fire suppression system. This particular area will house unique, one-of-a-kind electronic equipment. In the event a false activation of the sprinkler system occurs during non-working hours, irreparable damage would result, rendering the equipment useless. Many of the items are unique and therefore cannot be readily replaced.

2. TSD suggests an alternative fire suppression system known as Halon 1301. This system uses an inert gas which causes oxygen starvation. False activation would have no adverse effect on the equipment or unique components. Private industry has long understood the benefits of Halon 1301 type flooding system. Many of the major manufacturers have changed or supplemented their existing sprinkler systems with Halon 1301.

3. Request Halon 1301 fire suppression system be installed in the laboratory area designated for TSD vise sprinkler system.

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concur:

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